

PRO  
217 U.S.P.T.O.  
07/15/03  
1070/618811

# BIRCH, STEWART, KOLASCH & BIRCH, LLP

TERRELL C. BIRCH  
RAYMOND C. STEWART  
JOSEPH A. KOLASCH  
JAMES M. SLATTERY  
MICHAEL K. MUTTER  
CHARLES GORENSTEIN  
GERALD M. MURPHY, JR.  
LEONARD R. SVENSSON  
ANDREW D. MEIKLE  
MARC S. WEINER  
JOE MCKINNEY MUNCY  
ROBERT J. KENNEY  
JOHN W. BAILEY  
MARK J. NUELL, PH.D.  
JAMES T. ELLER, JR.  
D. RICHARD ANDERSON  
THOMAS M. SMALL\*  
ROBERT A. SELDON\*  
JOHN A. SCILLIERI\*  
SANFORD ASTOR\*

OF COUNSEL:  
HERBERT M. BIRCH (1905-1996)  
BERNARD L. SWEENEY\*  
ELLIOT A. GOLDBERG\*  
WILLIAM L. GATES\*  
EDWARD H. VALANCE  
RUPERT J. BRADY (RET.)\*  
F. PRINCE BUTLER  
FRED S. WHISENHUNT (RET.)  
JAMES W. HELLWEGE  
QUENTIN R. "RICK" CORRIE  
ROBERT F. GNUSE  
DAVID R. MURPHY  
PHILIP K. YU\*  
ROBERT M. ASHEN  
MICHAEL R. CAMMARATA

\*ADMITTED TO A BAR OTHER THAN VA.

INTELLECTUAL PROPERTY LAW  
8110 GATEHOUSE ROAD  
SUITE 500 EAST  
FALLS CHURCH, VA 22042-1210  
U S A  
(703) 205-8000

FAX: (703) 205-8050  
(703) 698-8590 (G IV)

e-mail: mailroom@bskb.com  
web: http://www.bskb.com

CALIFORNIA OFFICES:  
COSTA MESA, CALIFORNIA  
LOS ANGELES, CALIFORNIA

SCOTT L. LOWE  
PAUL C. LEWIS  
RICHARD GALLAGHER  
MARYANNE ARMSTRONG  
KECIA J. REYNOLDS  
KALPANA REDDY  
ESTHER H. CHONG  
CATHERINE M. VOISINET\*  
EUGENE T. PEREZ  
CAROLYN T. BAUMGARDNER\*  
MARTIN R. GEISSLER\*  
J. ALISON GRABELL\*  
T. BENJAMIN SCHROEDER, PH.D.  
PERCY L. SQUARE  
HYUNG SOHN  
CLINT A. GERDINE  
CRAIG A. MCROBBIE  
WILLIAM F. NIXON\*  
DANIEL K. DORSEY

REG. PATENT AGENTS:  
FREDERICK R. HANDREN  
MAKI HATSUMI  
GARTH M. DAHLEN, PH.D.  
ROBERT E. GOOZNER, PH.D.  
KRISTI L. RUPERT, PH.D.  
MATTHEW T. SHANLEY  
SUSAN W. GORMAN, PH.D.  
ROBERT W. DOWNS  
CHASE J. BILLINGS  
CHRISTINE V. CASTILLO  
CARL T. THOMSEN  
SAM BHATTACHARYA  
BRADLEY C. FACH

Date: July 15, 2003

Docket No.: 2750-1566P

## BOX PATENT APPLICATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

As authorized by the inventor(s), transmitted herewith for filing is a patent application applied for on behalf of the inventor(s) according to the provisions of 37 C.F.R. § 1.41(c), which claims priority under 35 U.S.C. § 119(e) of provisional application no: 60/395,650 filed July 15, 2002 (att. docket no. 2750-1532P)

Inventor(s): Nickolai ALEXANDROV, Vyacheslav BROVER, Jean-Baptiste DUMAS, Maxim TROUKHAN

For: SEQUENCE-DETERMINED DNA FRAGMENTS AND CORRESPONDING POLYPEPTIDES ENCODED THEREBY

Enclosed are:

- A specification consisting of a description (86 pages), claims (3 pages), an abstract (1 page) and a schematic (1 page), totaling ninety-one (91) pages
- ( ) sheet(s) of formal drawings
- Certified copy of Priority Document(s)
- Executed Declaration in accordance with 37 C.F.R. § 1.64 will follow
- Applicant claims small entity status under 37 C.F.R. § 1.27
- Preliminary Amendment

- Information Disclosure Statement, PTO-1449 and reference(s)
- Amend the specification by inserting before the first line the sentence:  
--This application claims priority on provisional Application No. filed on , the entire contents of which are hereby incorporated by reference.--
- Two identical CD-Rs created using IBM-PC, MS-Windows operating system. The files contained on the CD-R are as follows:

<b>File Name:</b>	<b>Creation Date:</b>	<b>File Size (bytes):</b>
010809 Protein Domain Table.txt	10/4/02	2,752,459
reference.311988.710-0004-55300-US-U-32792.01 0a 1	10/4/02	461,395
reference.311988.710-0004-55300-US-U-32792.01 0a 10	10/4/02	207,369
reference.311988.710-0004-55300-US-U-32792.01 0a 2	10/4/02	553,530
reference.311988.710-0004-55300-US-U-32792.01 0a 3	10/4/02	563,695
reference.311988.710-0004-55300-US-U-32792.01 0a 4	10/4/02	565,708
reference.311988.710-0004-55300-US-U-32792.01 0a 5	10/4/02	522,776
reference.311988.710-0004-55300-US-U-32792.01 0a 6	10/4/02	376,602
reference.311988.710-0004-55300-US-U-32792.01 0a 7	10/4/02	277,418
reference.311988.710-0004-55300-US-U-32792.01 0a 8	10/4/02	259,997
reference.311988.710-0004-55300-US-U-32792.01 0a 9	10/4/02	299,503
reference.311988.710-0004-55300-US-U-32792.01 1	10/4/02	2,546,181
reference.311988.710-0004-55300-US-U-32792.01 10	10/4/02	2,396,974
reference.311988.710-0004-55300-US-U-32792.01 2	10/4/02	1,421,659
reference.311988.710-0004-55300-US-U-32792.01 3	10/4/02	1,498,061
reference.311988.710-0004-55300-US-U-32792.01 4	10/4/02	1,341,718
reference.311988.710-0004-55300-US-U-32792.01 5	10/4/02	1,579,055
reference.311988.710-0004-55300-US-U-32792.01 6	10/4/02	2,866,471
reference.311988.710-0004-55300-US-U-32792.01 7	10/4/02	4,019,160
reference.311988.710-0004-55300-US-U-32792.01 8	10/4/02	4,314,934
reference.311988.710-0004-55300-US-U-32792.01 9	10/4/02	3,797,914
reference.39946.710-0004-55300-US-U-32792.01 0a 1	10/4/02	185,629
reference.39946.710-0004-55300-US-U-32792.01 0a 10	10/4/02	194,457
reference.39946.710-0004-55300-US-U-32792.01 0a 11	10/4/02	190,991
reference.39946.710-0004-55300-US-U-32792.01 0a 12	10/4/02	204,877
reference.39946.710-0004-55300-US-U-32792.01 0a 13	10/4/02	187,837
reference.39946.710-0004-55300-US-U-32792.01 0a 14	10/4/02	190,626
reference.39946.710-0004-55300-US-U-32792.01 0a 15	10/4/02	231,217
reference.39946.710-0004-55300-US-U-32792.01 0a 16	10/4/02	183,806
reference.39946.710-0004-55300-US-U-32792.01 0a 17	10/4/02	187,168

<b>File Name:</b>	<b>Creation Date:</b>	<b>File Size (bytes):</b>
reference.39946.710-0004-55300-US-U-32792.01_0a_18	10/4/02	195,157
reference.39946.710-0004-55300-US-U-32792.01_0a_19	10/4/02	191,500
reference.39946.710-0004-55300-US-U-32792.01_0a_2	10/4/02	192,062
reference.39946.710-0004-55300-US-U-32792.01_0a_20	10/4/02	211,375
reference.39946.710-0004-55300-US-U-32792.01_0a_21	10/4/02	200,130
reference.39946.710-0004-55300-US-U-32792.01_0a_22	10/4/02	342,039
reference.39946.710-0004-55300-US-U-32792.01_0a_23	10/4/02	405,820
reference.39946.710-0004-55300-US-U-32792.01_0a_24	10/4/02	384,201
reference.39946.710-0004-55300-US-U-32792.01_0a_25	10/4/02	419,102
reference.39946.710-0004-55300-US-U-32792.01_0a_26	10/4/02	419,032
reference.39946.710-0004-55300-US-U-32792.01_0a_27	10/4/02	409,789
reference.39946.710-0004-55300-US-U-32792.01_0a_28	10/4/02	407,932
reference.39946.710-0004-55300-US-U-32792.01_0a_29	10/4/02	391,915
reference.39946.710-0004-55300-US-U-32792.01_0a_3	10/4/02	183,806
reference.39946.710-0004-55300-US-U-32792.01_0a_30	10/4/02	58,423
reference.39946.710-0004-55300-US-U-32792.01_0a_4	10/4/02	191,080
reference.39946.710-0004-55300-US-U-32792.01_0a_5	10/4/02	172,888
reference.39946.710-0004-55300-US-U-32792.01_0a_6	10/4/02	189,828
reference.39946.710-0004-55300-US-U-32792.01_0a_7	10/4/02	200,196
reference.39946.710-0004-55300-US-U-32792.01_0a_8	10/4/02	190,893
reference.39946.710-0004-55300-US-U-32792.01_0a_9	10/4/02	194,263
reference.39946.710-0004-55300-US-U-32792.01_1	10/4/02	4,219,949
reference.39946.710-0004-55300-US-U-32792.01_10	10/4/02	4,201,343
reference.39946.710-0004-55300-US-U-32792.01_11	10/4/02	4,294,397
reference.39946.710-0004-55300-US-U-32792.01_12	10/4/02	4,074,355
reference.39946.710-0004-55300-US-U-32792.01_13	10/4/02	4,145,376
reference.39946.710-0004-55300-US-U-32792.01_14	10/4/02	4,162,915
reference.39946.710-0004-55300-US-U-32792.01_15	10/4/02	3,725,789
reference.39946.710-0004-55300-US-U-32792.01_16	10/4/02	4,207,681
reference.39946.710-0004-55300-US-U-32792.01_17	10/4/02	4,518,438
reference.39946.710-0004-55300-US-U-32792.01_18	10/4/02	4,144,438
reference.39946.710-0004-55300-US-U-32792.01_19	10/4/02	4,259,798
reference.39946.710-0004-55300-US-U-32792.01_2	10/4/02	4,361,879
reference.39946.710-0004-55300-US-U-32792.01_20	10/4/02	4,146,239
reference.39946.710-0004-55300-US-U-32792.01_21	10/4/02	4,250,134
reference.39946.710-0004-55300-US-U-32792.01_22	10/4/02	2,245,721
reference.39946.710-0004-55300-US-U-32792.01_23	10/4/02	1,428,007
reference.39946.710-0004-55300-US-U-32792.01_24	10/4/02	1,503,579
reference.39946.710-0004-55300-US-U-32792.01_25	10/4/02	1,205,697
reference.39946.710-0004-55300-US-U-32792.01_26	10/4/02	1,203,729
reference.39946.710-0004-55300-US-U-32792.01_27	10/4/02	1,282,372
reference.39946.710-0004-55300-US-U-32792.01_28	10/4/02	1,389,307
reference.39946.710-0004-55300-US-U-32792.01_29	10/4/02	1,543,992

<b>File Name:</b>	<b>Creation Date:</b>	<b>File Size (bytes):</b>
reference.39946.710-0004-55300-US-U-32792.01 3	10/4/02	4,500,743
reference.39946.710-0004-55300-US-U-32792.01 30	10/4/02	223,493
reference.39946.710-0004-55300-US-U-32792.01 4	10/4/02	4,029,641
reference.39946.710-0004-55300-US-U-32792.01 5	10/4/02	4,229,924
reference.39946.710-0004-55300-US-U-32792.01 6	10/4/02	4,296,895
reference.39946.710-0004-55300-US-U-32792.01 7	10/4/02	4,342,863
reference.39946.710-0004-55300-US-U-32792.01 8	10/4/02	4,260,131
reference.39946.710-0004-55300-US-U-32792.01 9	10/4/02	4,178,089
sequences.311988.710-0004-55300-US-U-32792.01 0a 1	10/4/02	3,653,891
sequences.311988.710-0004-55300-US-U-32792.01 0a 10	10/4/02	1,167,672
sequences.311988.710-0004-55300-US-U-32792.01 0a 2	10/4/02	4,775,014
orthologs.710-0004-55300-US-U-32792 1	10/4/02	4,095,520
sequences.311988.710-0004-55300-US-U-32792.01 0a 3	10/4/02	4,740,883
sequences.311988.710-0004-55300-US-U-32792.01 0a 4	10/4/02	4,510,006
sequences.311988.710-0004-55300-US-U-32792.01 0a 5	10/4/02	4,525,717
sequences.311988.710-0004-55300-US-U-32792.01 0a 6	10/4/02	2,962,193
sequences.311988.710-0004-55300-US-U-32792.01 0a 7	10/4/02	1,601,387
sequences.311988.710-0004-55300-US-U-32792.01 0a 8	10/4/02	1,539,385
sequences.311988.710-0004-55300-US-U-32792.01 0a 9	10/4/02	1,567,360
sequences.311988.710-0004-55300-US-U-32792.01 1	10/4/02	5,416,752
sequences.311988.710-0004-55300-US-U-32792.01 10	10/4/02	4,683,659
sequences.311988.710-0004-55300-US-U-32792.01 2	10/4/02	4,704,757
sequences.311988.710-0004-55300-US-U-32792.01 3	10/4/02	4,766,060
sequences.311988.710-0004-55300-US-U-32792.01 4	10/4/02	4,189,865
sequences.311988.710-0004-55300-US-U-32792.01 5	10/4/02	5,072,525
sequences.311988.710-0004-55300-US-U-32792.01 6	10/4/02	6,040,785
sequences.311988.710-0004-55300-US-U-32792.01 7	10/4/02	7,717,443
sequences.311988.710-0004-55300-US-U-32792.01 8	10/4/02	8,011,610
sequences.311988.710-0004-55300-US-U-32792.01 9	10/4/02	7,518,381
sequences.39946.710-0004-55300-US-U-32792.01 0a 1	10/4/02	1,596,606
sequences.39946.710-0004-55300-US-U-32792.01 0a 10	10/4/02	1,462,469
sequences.39946.710-0004-55300-US-U-32792.01 1	10/4/02	7,198,873
sequences.39946.710-0004-55300-US-U-32792.01 0a 11	10/4/02	1,480,567
sequences.39946.710-0004-55300-US-U-32792.01 0a 12	10/4/02	1,698,423
sequences.39946.710-0004-55300-US-U-32792.01 0a 13	10/4/02	1,470,343
sequences.39946.710-0004-55300-US-U-32792.01 0a 14	10/4/02	1,360,526
sequences.39946.710-0004-55300-US-U-32792.01 0a 15	10/4/02	1,828,886
sequences.39946.710-0004-55300-US-U-32792.01 0a 16	10/4/02	1,554,501
sequences.39946.710-0004-55300-US-U-32792.01 0a 17	10/4/02	1,423,535
sequences.39946.710-0004-55300-US-U-32792.01 0a 18	10/4/02	1,725,122
sequences.39946.710-0004-55300-US-U-32792.01 0a 19	10/4/02	1,592,888
sequences.39946.710-0004-55300-US-U-32792.01 0a 2	10/4/02	1,497,026
sequences.39946.710-0004-55300-US-U-32792.01 0a 20	10/4/02	1,729,271

<b>File Name:</b>	<b>Creation Date:</b>	<b>File Size (bytes):</b>
sequences.39946.710-0004-55300-US-U-32792.01 0a 21	10/4/02	1,541,213
sequences.39946.710-0004-55300-US-U-32792.01 0a 22	10/4/02	3,631,279
sequences.39946.710-0004-55300-US-U-32792.01 0a 23	10/4/02	4,399,193
sequences.39946.710-0004-55300-US-U-32792.01 0a 24	10/4/02	4,290,415
sequences.39946.710-0004-55300-US-U-32792.01 0a 25	10/4/02	4,130,566
sequences.39946.710-0004-55300-US-U-32792.01 0a 26	10/4/02	4,350,905
sequences.39946.710-0004-55300-US-U-32792.01 0a 27	10/4/02	4,326,357
sequences.39946.710-0004-55300-US-U-32792.01 0a 28	10/4/02	4,862,400
sequences.39946.710-0004-55300-US-U-32792.01 0a 29	10/4/02	4,147,664
sequences.39946.710-0004-55300-US-U-32792.01 0a 3	10/4/02	1,441,270
sequences.39946.710-0004-55300-US-U-32792.01 0a 30	10/4/02	556,615
sequences.39946.710-0004-55300-US-U-32792.01 0a 4	10/4/02	1,520,136
sequences.39946.710-0004-55300-US-U-32792.01 0a 5	10/4/02	1,393,707
sequences.39946.710-0004-55300-US-U-32792.01 0a 6	10/4/02	1,424,077
sequences.39946.710-0004-55300-US-U-32792.01 0a 7	10/4/02	1,484,994
sequences.39946.710-0004-55300-US-U-32792.01 0a 8	10/4/02	1,420,064
sequences.39946.710-0004-55300-US-U-32792.01 0a 9	10/4/02	1,539,402
sequences.39946.710-0004-55300-US-U-32792.01 10	10/4/02	7,357,798
sequences.39946.710-0004-55300-US-U-32792.01 11	10/4/02	7,375,711
orthologs.710-0004-55300-US-U-32792 10	10/4/02	3,887,554
sequences.39946.710-0004-55300-US-U-32792.01 12	10/4/02	6,678,366
sequences.39946.710-0004-55300-US-U-32792.01 13	10/4/02	6,700,673
sequences.39946.710-0004-55300-US-U-32792.01 14	10/4/02	7,285,752
sequences.39946.710-0004-55300-US-U-32792.01 15	10/4/02	5,904,721
sequences.39946.710-0004-55300-US-U-32792.01 16	10/4/02	7,267,387
sequences.39946.710-0004-55300-US-U-32792.01 17	10/4/02	7,578,226
sequences.39946.710-0004-55300-US-U-32792.01 18	10/4/02	7,233,121
sequences.39946.710-0004-55300-US-U-32792.01 19	10/4/02	7,226,685
sequences.39946.710-0004-55300-US-U-32792.01 2	10/4/02	7,423,753
sequences.39946.710-0004-55300-US-U-32792.01 20	10/4/02	6,764,024
sequences.39946.710-0004-55300-US-U-32792.01 21	10/4/02	7,241,386
sequences.39946.710-0004-55300-US-U-32792.01 22	10/4/02	5,396,152
sequences.39946.710-0004-55300-US-U-32792.01 23	10/4/02	4,010,522
sequences.39946.710-0004-55300-US-U-32792.01 24	10/4/02	4,357,062
sequences.39946.710-0004-55300-US-U-32792.01 25	10/4/02	3,430,396
sequences.39946.710-0004-55300-US-U-32792.01 26	10/4/02	3,177,277
sequences.39946.710-0004-55300-US-U-32792.01 27	10/4/02	3,957,081
sequences.39946.710-0004-55300-US-U-32792.01 28	10/4/02	4,172,510
sequences.39946.710-0004-55300-US-U-32792.01 29	10/4/02	4,697,383
sequences.39946.710-0004-55300-US-U-32792.01 3	10/4/02	7,498,427
sequences.39946.710-0004-55300-US-U-32792.01 30	10/4/02	560,320
sequences.39946.710-0004-55300-US-U-32792.01 4	10/4/02	6,777,554
sequences.39946.710-0004-55300-US-U-32792.01 5	10/4/02	7,375,829

<b>File Name:</b>	<b>Creation Date:</b>	<b>File Size (bytes):</b>
sequences.39946.710-0004-55300-US-U-32792.01 6	10/4/02	7,168,961
sequences.39946.710-0004-55300-US-U-32792.01 7	10/4/02	7,064,843
sequences.39946.710-0004-55300-US-U-32792.01 8	10/4/02	7,029,455
sequences.39946.710-0004-55300-US-U-32792.01 9	10/4/02	6,865,084
orthologs.710-0004-55300-US-U-32792 11	10/4/02	3,713,057
orthologs.710-0004-55300-US-U-32792 12	10/4/02	3,709,763
orthologs.710-0004-55300-US-U-32792 13	10/4/02	3,709,648
orthologs.710-0004-55300-US-U-32792 14	10/4/02	3,574,485
orthologs.710-0004-55300-US-U-32792 15	10/4/02	3,994,380
orthologs.710-0004-55300-US-U-32792 16	10/4/02	3,406,134
orthologs.710-0004-55300-US-U-32792 17	10/4/02	3,650,891
orthologs.710-0004-55300-US-U-32792 18	10/4/02	3,420,198
orthologs.710-0004-55300-US-U-32792 19	10/4/02	3,493,649
orthologs.710-0004-55300-US-U-32792 2	10/4/02	3,812,707
orthologs.710-0004-55300-US-U-32792 20	10/4/02	3,514,236
orthologs.710-0004-55300-US-U-32792 21	10/4/02	3,627,651
orthologs.710-0004-55300-US-U-32792 22	10/4/02	3,484,322
orthologs.710-0004-55300-US-U-32792 23	10/4/02	3,409,930
orthologs.710-0004-55300-US-U-32792 24	10/4/02	3,391,808
orthologs.710-0004-55300-US-U-32792 25	10/4/02	3,622,761
orthologs.710-0004-55300-US-U-32792 26	10/4/02	3,675,893
orthologs.710-0004-55300-US-U-32792 27	10/4/02	3,940,541
orthologs.710-0004-55300-US-U-32792 28	10/4/02	5,344,637
orthologs.710-0004-55300-US-U-32792 29	10/4/02	5,552,390
orthologs.710-0004-55300-US-U-32792 3	10/4/02	3,905,502
orthologs.710-0004-55300-US-U-32792 30	10/4/02	5,116,383
orthologs.710-0004-55300-US-U-32792 31	10/4/02	6,185,864
orthologs.710-0004-55300-US-U-32792 32	10/4/02	5,880,889
orthologs.710-0004-55300-US-U-32792 33	10/4/02	5,826,198
orthologs.710-0004-55300-US-U-32792 34	10/4/02	5,919,050
orthologs.710-0004-55300-US-U-32792 35	10/4/02	5,886,020
orthologs.710-0004-55300-US-U-32792 36	10/4/02	5,700,570
orthologs.710-0004-55300-US-U-32792 37	10/4/02	730,537
orthologs.710-0004-55300-US-U-32792 4	10/4/02	3,772,793
orthologs.710-0004-55300-US-U-32792 5	10/4/02	3,802,044
orthologs.710-0004-55300-US-U-32792 6	10/4/02	3,679,820
orthologs.710-0004-55300-US-U-32792 7	10/4/02	3,721,940
orthologs.710-0004-55300-US-U-32792 8	10/4/02	3,798,045
orthologs.710-0004-55300-US-U-32792 9	10/4/02	3,877,214

Amend the specification by inserting before the first line the sentence:

-- This application contains a CDR, the entire contents of

18334 U.S. PTO  
07/15/03

which are hereby incorporated by reference. The CDR contains the following files:

- Other: ATCC Deposit receipts PTA-595, PTA-1161, PTA-1411, PTA-2007; Request for Nonpublication; Compact Disk Transmittal Letter

The filing fee has been calculated as shown below:

			LARGE ENTITY	SMALL ENTITY
	<b>BASIC FEE</b>		\$710.00	\$375.00
	NUMBER FILED	NUMBER EXTRA	RATE FEE	RATE FEE
<b>TOTAL CLAIMS</b>	20- 20 =	0	X 18 = \$0.00	x 9 = \$0.00
<b>INDEPENDENT CLAIMS</b>	3- 3 =	0	x 80 = \$0.00	x 40 = \$0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED			+ \$270.00	+ \$135.00
		<b>TOTAL</b>	\$0.00	\$375.00

- Please charge Deposit Account No. 50-1055 in the amount of \$375.00 to cover the filing fee. A triplicate copy of this transmittal form is enclosed.
- The application transmitted herewith is filed in accordance with 37 C.F.R. § 1.41(c). The undersigned has been authorized by the inventor(s) to file the present application. The original duly executed declaration together with the surcharge will be forwarded in due course.
- This application claims priority under 35 USC §119(e) of provisional application no: 60/395,650 filed July 15, 2002 (att. docket no. 2750-1532P) the entire contents of which are hereby incorporated by reference.

Please send correspondence to:

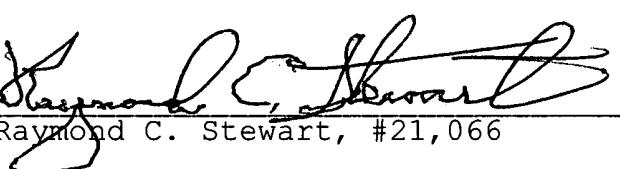
BIRCH, STEWART, KOLASCH & BIRCH, LLP - **Customer No. 2292**  
P.O. Box 747  
Falls Church, VA 22040-0747  
Telephone: (703) 205-8000

If the Primary Deposit Account No. 50-1055 is deficient and non-payment will result in a loss of rights, the Commissioner is hereby authorized in this, concurrent and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By

  
Raymond C. Stewart, #21,066

RCS/DRN/BCF  
2750-1566P

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

Attachments

PATENT  
2750-1566P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Nickolai ALEXANDROV et al.  
Appl. No.: NEW Group: UNASSIGNED  
Filed: July 15, 2003 Examiner: UNASSIGNED  
For: SEQUENCE-DETERMINED DNA FRAGMENTS AND  
CORRESPONDING POLYPEPTIDES ENCODED THEREBY

REQUEST FOR NON-PUBLICATION

Assistant Commissioner for Patents  
Washington, DC 20231

July 15, 2003

Sir:

To the best of my knowledge, I hereby certify that the invention claimed in the attached application **has not been and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication of this application at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

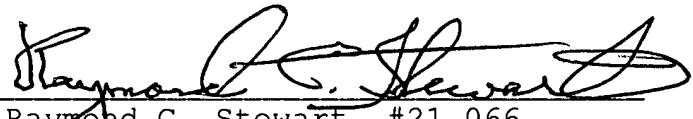
If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Appl. No. NEW

If the Primary Deposit Account No. 50-1055 is deficient and non-payment will result in a loss of rights, the Commissioner is hereby authorized in this, concurrent and future replies, to charge payment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By   
Raymond C. Stewart, #21,066  
P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

RCS/DRN/BCF  
2750-1566P